WHAT IS CLAIMED IS:

1. An image processing apparatus comprising:

reception means for receiving plural image data;

main frame generation means for decoding one of said plural image data to generate a main frame;

sub frame generation means for extracting a low frequency component from one of said plural image data to generate a sub frame; and

output means for outputting an image signal including said main frame and said sub frame.

2. An apparatus according to claim 1, wherein said reception means receives said plural image data through a serial bus.

3. An apparatus according to claim 2, wherein said serial bus is based on the IEEE1394-1995 standard.

4. An apparatus according to claim 1, wherein said reception means is a digital interface based on the IEEE1394-1995 standard.

5. An apparatus according to claim 1, further comprising:

switch means for switching the image data displayed on said main frame, in response to an operation of a predetermined operation key.

6. An apparatus according to claim 1, further comprising:

recording means for recording the image data displayed on said main frame, in response to an operation of a predetermined operation key.

7. An apparatus according to claim 1, wherein said plural image data are based on the SD format of the DV standard.

8. An image processing method comprising steps of:

receiving plural image data;

decoding one of said plural image data to generate a main frame;

extracting a low frequency component from one of said plural image data to generate a sub frame; and

outputting an image signal including said main frame and said sub frame.

9. A method according to claim 8, wherein said reception step receives said plural image data through a serial bus.

10. A method according to claim 9, wherein said serial bus is based on the IEEE1394-1995 standard.

11. A method according to claim 8, wherein said plural image data are received through a digital interface based on the IEEE1394-1995 standard.

5   12. A method according to claim 8, further comprising:

a step for switching the image data displayed on said main frame, in response to an operation of a predetermined operation key.

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13. A method according to claim 8, further comprising:

a step for recording the image data displayed on said main frame, in response to an operation of a 15   predetermined operation key.

14. A method according to claim 8, wherein said plural image data are based on the SD format of the DV standard.

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